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## Product Data Sheet

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Product Name: (-)-5'-DMH-CBD

Cat. No.: GC50015

**Chemical Properties**

Cas. No. 97452-63-6

SMILES C=[C@](C)[C@@H]1CCC(C)=C[C@H]1[C@]2=C(O)C=C(C(C)(C)CCCCC)C=C2O

Formula	C <sub>25</sub> H <sub>38</sub> O <sub>2</sub>	M.Wt	370.57
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Anandamide membrane transport inhibitor (IC<sub>50</sub> = 14 μM) that is relatively metabolically stable. Displays some affinity for CB<sub>2</sub> receptors but has only weak affinity for CB<sub>1</sub> receptors and has no activity at VR<sub>1</sub> receptors or FAAH. Anticonvulsive in vivo following systemic administration.

Bisogno et al (2001) Molecular targets for cannabidiol and its synthetic analogues: effect on vanilloid VR<sub>1</sub> receptors and on the cellular uptake and enzymatic hydrolysis of anandamide. Br.J.Pharmacol. 134 845 PMID:11606325 |Leite et al (1982) Anticonvulsant effects of the (-) and (+) isomers of cannabidiol and their dimethylheptyl homologs. Pharmacology 24 141 PMID:7071126

**Caution: Product has not been fully validated for medical applications. For research use only.**

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